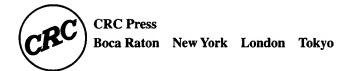
CONCISE Dictionary of

BIOMEDICINE AND MOLECULAR BIOLOGY

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Condylox A trade name for podofilox, an antiinfective agent.

Cone A light sensitive cell present in the retina.

Cone Pigment Gene Genes that encode pigments in the cone cells of the retina and are responsible for color vision.

Configuration The spatial arrangement of an organic molecule that is conferred by the presence of either a double bond or a chiral center around which substitution groups are arranged in a specific sequence. Configuration isomers cannot be interconverted without breaking a covalent bond or bonds.

Conformational Isozyme The multiple forms of a single gene product that differ in secondary or tertiary structure.

Congenic Strain The strains of organisms that are different from one another in a small chromosomal segment.

Congenital Present at the time of birth.

Congeric Of the same species.

Congespirin A trade name for a combination drug containing phenylephrine hydrochloride and acetaminophen, used as a bronchodilator.

Conglutination Agglutination of particulate entities bearing C3b by conglutinin.

Conglutinin A protein from bovine serum capable of binding with complement C3b leading to agglutination of particles bearing C3b.

Congo Red (mol wt 697) A dye and pH indicator.

Conidia Plural of conidium.

Conidium An asexual haploid spore borne on an aerial hypae.

Coniferin (mol wt 342) The principal glucoside of conifers.

Coniferyl Alcohol (mol wt 180) An alcohol obtained from hydrolysis of coniferin.

Conline (mol wt 127) The toxic principle of poison hemlock (Conium maculatum).

Conjec-B A trade name for brompheniamine maleate, an antihistaminic drug that competes with histamine for H-1 receptor on effector cells.

Conjugate Acid-Base Pair An proton donor and its corresponding deprotonated species (e.g., acetic acid, donor and acetate, acceptor).

Conjugate Redox Pair An electron donor and its corresponding electron acceptor (e.g., NADH, donor and NAD+, acceptor).

Conjugated Protein A protein that is linked to a nonprotein group (prosthetic group).

Conjugation 1. Union of gametes from opposite sexes. 2. Transfer of genetic material from a male strain (F*) to the female strain (F-) in bacteria.

Conjugon Referring to that genetic element essential for bacterial conjugation.

Connective Tissue Any supporting tissue that lies between other tissue and consists of cells embedded in the extracellular matrix, e.g., bone, cartilage, and loose connective tissue.

Connexon Water-filled pores in the cytoplasmic membrane formed by a ring of six protein subunits. The connexons from two adjoining cells join to form a continuous channel between the two cells.

Consensus Sequence Average or most typical form of a sequence that is reproduced with minor variations in a group of related DNA, RNA, or protein sequences. The consensus sequence shows the nucleotide or amino acid most often found at each position.

Conservative Substitution Replacement of one amino acid residue in a protein by another amino acid with similar properties, e.g., substitution of glutamate with aspartate.

Conserved Sequence A sequence of nucleotides that has not changed noticeably over a long evolutionary period.